

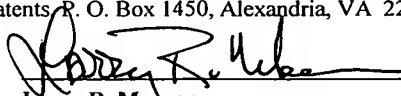


PATENT  
K-2104

### CERTIFICATE OF MAILING

I hereby certify that, on the date shown below, this correspondence is being deposited with the United States Postal Service as First Class Mail, in an envelope addressed to the Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

Date: June 13, 2005

  
Larry R. Meenan

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|                              |   |                         |
|------------------------------|---|-------------------------|
| In re: Application of:       | ) |                         |
| BERNHARD W. BORSCHERT et al. | ) | Group Art Unit 3722     |
|                              | ) |                         |
| Serial No. 10/738,469        | ) | Confirmation No. 8203   |
|                              | ) | Examiner Michael Talbot |
| Filed: December 17, 2003     | ) |                         |
|                              | ) |                         |
| For: TWIST DRILL             | ) | Attorney Docket K-2104  |

June 13, 2005

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

### INFORMATION DISCLOSURE STATEMENT

Applicant(s) submit herewith patents, publications or other information, of which they are aware and that they believe may be material to the examination of this application, and in respect of which, there may be a duty to disclose. The Information Disclosure Statement submitted herewith is being filed:

- ☐ under 37 CFR 1.97(b); within three (3) months of the filing of a national application; within three (3) months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing date of a first Office Action on the merits; or before the mailing of a first office action after the filing of a request for continued examination under § 1.114, whichever event occurs last.
- ☒ under 37 CFR 1.97(c); after three (3) months of the filing of a national application, or the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; or after the mailing date of a first Office Action on the merits, whichever occurred last but before the mailing date of either a Final Action under 37 CFR 1.113, or a Notice of Allowance under 37 CFR 1.311, whichever occurs first. Also submitted herewith is:
- ☒ a statement as specified in 37 CFR 1.97(e); or

- ☐ the fee of \$180.00 set forth in 37 CFR 1.17(p) for submission of an Information Disclosure Statement under 37 CFR 1.97(c) to be paid as provided below.
- ☐ under 37 CFR 1.97(d); after a Final Action under Section 1.113, or a Notice of Allowance under Section 1.311, whichever occurs first, but before, or simultaneously with, the payment of the issue fee. Submitted herewith is a statement as specified in 37 CFR 1.97(e) and the fee of \$180.00 set forth in 37 CFR 1.17(p) to be paid as provided below.

**STATEMENT UNDER 37 CFR 1.97(e)**

- ☒ This is a statement under the provisions of 37 CFR 1.97(e) in the above-identified application.
- ☒ Statement Under 37 CFR 1.97(e)(1) - Each item of information contained in the accompanying information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to the filing of the information disclosure statement.
- ☐ Statement Under 37 CFR 1.97(e)(2) - No item of information contained in the accompanying information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned person, after making reasonable inquiry, no item of information contained in the accompanying information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement.

**PRIOR APPLICATIONS**

- ☐ This application relies, under 35 U.S.C. 120, on the earlier filing date of prior application(s):
- Serial No. \_\_\_\_\_, filed on \_\_\_\_\_.
- Serial No. \_\_\_\_\_, filed on \_\_\_\_\_.

Those references listed on the attached form and not submitted herewith were submitted to, and/or cited by, the Office in the prior application(s) identified above and therefore, are not required to be provided in this application.

**FEES**

- ☐ A check in the amount of \_\_\_\_\_ is attached.
- ☒ The Assistant Commissioner is hereby authorized to charge any fees that may be required by this submission and to credit Deposit Account No. 502867 any overpayment. A duplicate copy of this sheet is enclosed.

Respectfully submitted,



Larry R. Meenan  
Attorney for Applicant(s)  
Reg. No. 33,423  
Date: June 13, 2005

Kennametal Inc.  
P.O. Box 231  
Laird, PA 15650  
(724) 539-5485 Phone  
(724) 539-5903 Fax

PTO/SB/08A (08-00)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless it contains a valid OMB control number.

|   |   |    |   |  |  |
|---|---|----|---|--|--|
| Substitute for form 1449A/PTO   |   |    |   | <div>Complete if Known</div> <div>Application Number 10/738,469</div> <div>Filing Date December 17, 2003</div> <div>First Named Inventor Bernhard W. Borschert</div> <div>Group Art Unit 3722</div> <div>Examiner Name Michael Talbot</div> <div>Attorney Docket Number K-2104</div> |  |
| <div>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</div> <div>(use as many sheets as necessary)</div> |   |    |   |  |  |
| Sheet   | 1 | of | 2 |  |  |

[illegible][illegible]

|                    |  |                 |  |
|--------------------|--|-----------------|--|
| Examiner Signature |  | Date Considered |  |
|--------------------|--|-----------------|--|

|  |            |
|--|------------|
| Signature  | Considered |
| <p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p> |            |

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P. O. Box 1450, Alexandria, VA 22313-1450.. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

Please type a plus sign (+) inside this box → ☐

Approved for use through 10/31/2001. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless it contains a valid OMB control number.

|   |   |    |   |                          |                       |
|---|---|----|---|--------------------------|-----------------------|
| Substitute for form 1449A/PTO   |   |    |   | <b>Complete if Known</b> |                       |
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(use as many sheets as necessary) |   |    |   | Application Number       | 10/738,469            |
|   |   |    |   | Filing Date              | December 17, 2003     |
|   |   |    |   | First Named Inventor     | Bernhard W. Borschert |
|   |   |    |   | Group Art Unit           | 3722                  |
|   |   |    |   | Examiner Name            | Michael Talbot        |
| Sheet   | 2 | of | 2 | Attorney Docket Number   | K-2104                |

| OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS |                          |   |                |
|---|--------------------------|---|----------------|
| Examiner<br>Initials*                             | Cite<br>No. <sup>1</sup> |   | T <sup>2</sup> |
|   |                          | Transmittal of the International Search Report and The Written Opinion of the International Searching Authority, or the Declaration, mailed June 1, 2005, in corresponding application PCT/US2004/40829, filed December 6, 2004 |                |
|   |                          |   |                |
|   |                          |   |                |
|   |                          |   |                |
|   |                          |   |                |
|   |                          |   |                |
|   |                          |   |                |
|   |                          |   |                |
|   |                          |   |                |
|   |                          |   |                |
|   |                          |   |                |
|   |                          |   |                |
|   |                          |   |                |

|                       |  |                    |  |
|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
|-----------------------|--|--------------------|--|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.